

INTERNATIONAL SEARCH REPORT

International Application No

PCT/03/06482

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 ~~C07C311/13~~ ~~C07D285/08~~ ~~C07C323/20~~ ~~C07D239/60~~ ~~C07C317/20~~
~~C07D213/85~~ ~~C07D271/10~~ ~~C07D241/42~~ ~~C07D239/26~~ ~~C07D277/34~~
 A01N41/06

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C07C C07D A01N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

CHEM ABS Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	DE 28 54 932 A (FISONS LTD) 5 July 1979 (1979-07-05) page 41, line 28 - page 45, line 5; page 73	1,10-13
A	EP 0 176 327 A (CHEVRON RESEARCH CO) 2 April 1986 (1986-04-02) cited in the application page 1, line 27 - page 2, line 32; page 7, line 24 - page 12, line 30	1,9-13

☐ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

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Date of the actual completion of the international search

11 September 2003

Date of mailing of the international search report

25/09/2003

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INTERNATIONAL SEARCH REPORT

International Application No

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
DE 2854932	A	05-07-1979	AT 368358 B	11-10-1982
			AT 898478 A	15-02-1982
			AU 526848 B2	03-02-1983
			AU 4262678 A	28-06-1979
			BR 7808420 A	07-08-1979
			CA 1098912 A1	07-04-1981
			DD 143199 A5	13-08-1980
			DE 2854932 A1	05-07-1979
			DK 570178 A	25-06-1979
			ES 476119 A1	16-11-1979
			FR 2412525 A1	20-07-1979
			IE 47637 B1	16-05-1984
			IL 56251 A	31-10-1983
			IT 1160399 B	11-03-1987
			JP 54106449 A	21-08-1979
			NL 7812255 A	26-06-1979
			NZ 189219 A	11-02-1981
			PL 212112 A1	01-12-1980
			US 4349378 A	14-09-1982
			YU 304978 A1	28-02-1983
			BE 872919 A1	20-06-1979
			CA 1098531 A1	31-03-1981
			GB 2012170 A ,B	25-07-1979
			US 4309559 A	05-01-1982
			ZA 7807184 A	27-08-1980
EP 176327	A	02-04-1986	US 4652556 A	24-03-1987
			BR 8504583 A	15-07-1986
			CA 1256116 A1	20-06-1989
			DE 3566401 D1	29-12-1988
			EP 0176327 A1	02-04-1986
			ES 8605478 A1	01-09-1986
			JP 61087658 A	06-05-1986

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